

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	519	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same (activity or phase or process) with (modern\$ or upgrade or technology or obline or computeriz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:47
S2	517	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same (activity or phase or process) with (modern\$ or upgrade or technology or obline or computeriz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:47
S3	873	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:48
S4	359	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) with (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:16
S5	100	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5) near3 (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:49
S6	265	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (activity or phase or process) with (improv\$5 or modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5) near3 (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:50

EAST Search History

S27	29	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same upgrad\$33 near7 function\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:16
S28	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and strategically adj upgrad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:27
S29	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and optomal with upgrad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:27
S30	16	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and optimal with upgrad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:16
S31	30	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and component same improvement with (pric\$3 or cost\$3 or fee or fees)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:16
S32	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and component same improvement with flow with model\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:33
S33	57	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and component same improvement and flow with model\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:34

EAST Search History

S73	31	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) with improvement\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:11
S74	6	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) with improvement\$1 and digitiz\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:10
S75	5	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) with improvement\$1 and convert\$3 with digital	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:11
S76	6	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) same improvement\$1 and convert\$3 with digital	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:14
S77	8	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) with (improvement\$1 and metric\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:13
S78	107	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) with (performance or improvement\$1 and metric\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:14

EAST Search History

S79	5	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) with (performance or improvement\$1 and metric\$1)and convert\$3 with digital	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:14
S80	6	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) with (performance or improvement\$1 and metric\$1)and convert\$3 same (digital ir digitiz\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:15
S81	5	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and enterpris\$2 near3 model\$3 and (cost\$3 or pric\$3) with (performance or improvement\$1 and metric\$1)and convert\$3 same (digital and analog)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:15
S82	33	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) with enterprise with model\$3 and (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:24
S83	18	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) with enterprise with model\$3 and (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5) and metric\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:25

EAST Search History

S84	5	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) with enterprise near3 model\$3 and (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5) and metric\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:25
S85	4	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) with enterprise near3 model\$3 and (activity or phase or process) with (modern\$5 or upgrad\$3 or technology or computeriz\$5 or digitiz\$5) and metric\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:01
S86	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) with enterprise near3 model\$3 same vlaue\$1 and (activity or phase or process) same (modern\$5 or upgrad\$3 or technology or computeriz\$5 or digitiz\$5) and metric\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:53
S87	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same enterprise near3 model\$3 same vlaue\$1 and (activity or phase or process) same (modern\$5 or upgrad\$3 or technology or computeriz\$5 or digitiz\$5) and metric\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:52
S88	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same enterprise with model\$3 same vlaue\$1 and (activity or phase or process) same (modern\$5 or upgrad\$3 or technology or computeriz\$5 or digitiz\$5) and metric\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:52

EAST Search History

S89	2	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) with enterprise near3 model\$3 same value\$1 and (activity or phase or process) same (modern\$5 or upgrad\$3 or technology or computeriz\$5 or digitiz\$5) and metric\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:55
S90	2	"20020123945"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:56
S91	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same enterprise with model\$3 and uprad\$33 near7 phases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:58
S92	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same enterprise with model\$3 and uprad\$3 near7 phases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:58
S93	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same enterprise with model\$3 and uprad\$3 near7 process\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:59
S94	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same enterprise with model\$3 and uprad\$3 same process\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:59
S95	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same enterprise with model\$3 and computerize same process\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 16:59

EAST Search History

S96	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same enterprise with model\$3 and computerize same (process\$2 or information or data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:00
S97	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same enterprise with model\$3 and valu5\$ same (process\$2 or information or data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:00
S98	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) and enterprise with model\$3 and valu5\$ same (process\$2 or information or data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:01
S99	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) and enterprise with model\$3 and valu5\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:01
S100	4	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same enterprise near3 model\$3 and (activity or phase or process) with (modern\$5 or upgrad\$3 or technology or computeriz\$5 or digitiz\$5) and metric\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:02
S101	19	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same enterprise near3 model\$3 and (modern\$5 or upgrad\$3 or technology or computeriz\$5 or digitiz\$5) with (activit\$3 or phase\$1 or process\$3) and improv\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:07

EAST Search History

S10 2	4	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same enterprise near3 model\$3 and (modern\$5 or upgrad\$3 or technology or computeriz\$5 or digitiz\$5) with (activit\$3 or phase\$1 or process\$3) same improv\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:03
S10 3	18	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same enterprise near3 model\$3 and (modern\$5 or upgrad\$3 or technology or computeriz\$5 and digitiz\$5) with (activit\$3 or phase\$1 or process\$3) and improv\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:08
S10 4	1	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same enterprise near3 model\$3 and (modern\$5 or upgrad\$3 or technology or computeriz\$5) and digitiz\$5 and (activit\$3 or phase\$1 or process\$3) same improv\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:10
S10 5	0	"620020049573"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:10
S10 6	3	"20020049573"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 17:10
S10 7	1	("2002/0049573").URPN.	USPAT	OR	OFF	2007/09/14 17:16
S10 8	33	value with model\$3 same enterprise	USPAT	OR	OFF	2007/09/14 17:17

EAST Search History

S10 9	14	value with model\$3 same enterprise same (quality or cycle adj time\$1 or productivity or cost or revenue)	USPAT	OR	OFF	2007/09/14 17:36
S11 0	0	value with model\$3 same enterprise and metric same (quality or cycle adj time\$1 or productivity or cost or revenue)	USPAT	OR	OFF	2007/09/14 17:18
S11 1	2	value with model\$3 same enterprise and metric same (quality or cycle adj time\$1 or productivity or cost or revenue)	USPAT	OR	OFF	2007/09/14 17:19
S11 2	0	value with model\$3 and enterprise same metric same (quality or cycle adj time\$1 or productivity or cost or revenue)	USPAT	OR	OFF	2007/09/14 17:19
S11 3	2	enterprise same value with model\$3 and metric same (quality or cycle adj time\$1 or productivity or cost or revenue)	USPAT	OR	OFF	2007/09/14 17:20
S11 4	7	enterprise same value with model\$3 and improv\$6 same (quality or cycle adj time\$1 or productivity or cost or revenue)	USPAT	OR	OFF	2007/09/14 17:25
S11 5	0	enterprise same value with model\$3 and metrics with (quality or cycle adj time\$1 or productivity or cost or revenue)	USPAT	OR	OFF	2007/09/14 17:25
S11 6	4	enterprise same value with model\$3 and metrics with (quality or cycle adj time\$1 or productivity or cost or revenue)	USPAT	OR	OFF	2007/09/14 17:25
S11 7	12	("6442557").URPN.	USPAT	OR	OFF	2007/09/14 17:34

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	519	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same (activity or phase or process) with (modern\$ or upgrade or technology or obline or computeriz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:47
S2	517	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same (activity or phase or process) with (modern\$ or upgrade or technology or obline or computeriz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:47
S3	873	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) same (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:48
S4	359	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3) with (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:48
S5	100	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (activity or phase or process) with (modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5) near3 (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:49
S6	265	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (activity or phase or process) with (improv\$5 or modern\$ or upgrade or technology or online or computeriz\$5 or digitiz\$5) near3 (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 17:50

EAST Search History

S7	98	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (activity or phase or process) with (upgrade or technology or online or computeriz\$5 or digitiz\$5) near3 (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:01
S8	236	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (upgrade or technology or online or computeriz\$5 or digitiz\$5) same (business or enterpris\$2) near3 (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:02
S9	50	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (upgrad\$3 or computeriz\$5 or digitiz\$5) same (business or enterpris\$2) near3 (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:05
S10	20	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (upgrad\$3 or computeriz\$5 or digitiz\$5) with procedures same (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:10
S11	148	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (improving or improvement or computeriz\$5 or digitiz\$5) with procedures and (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:10
S12	409	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (improving or improvement or computeriz\$5 or digitiz\$5) adj (procedure\$1 or process\$2) and (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:11

EAST Search History

S13	70	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (improving or improvement or computeriz\$5 or digitiz\$5) adj (procedure\$1 or process\$2) same (cost\$3 or pric\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:16
S14	299	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (computeriz\$5 or digitiz\$5) adj (procedure\$1 or process\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:16
S15	144	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitiz\$5) adj (procedure\$1 or process\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:16
S16	67	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitiz\$5) adj (procedure\$1 or process\$2)and evaluation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 22:48
S17	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and cost with upgrading with procedure\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:18
S18	1	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and cost\$3 with upgrading with procedure\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:19
S19	228	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and cost\$3 same digitiz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:19

EAST Search History

S20	58	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and cost\$3 with digitiz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:21
S21	25	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and cost\$3 same digitiz\$5 with process\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:22
S22	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and cost\$3 same digitiz\$5 with phases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:23
S23	3	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and cost\$3 same upgrad\$33 with phases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:23
S24	3	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same upgrad\$33 with phases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:24
S25	3	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same upgrad\$33 near7 phases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:25
S26	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same upgrad\$33 near7 function41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:25

EAST Search History

S27	29	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same upgrad\$33 near7 function\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:40
S28	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and strategically adj upgrad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:27
S29	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and optimai with upgrad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:27
S30	16	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and optimal with upgrad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:30
S31	30	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and component same improvement with (pric\$3 or cost\$3 or fee or fees)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:32
S32	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and component same improvement with flow with model\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:33
S33	57	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and component same improvement and flow with model\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:34

EAST Search History

S34	58	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and information with improvement and flow with model\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:37
S35	48	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and information with improvement and flow with model\$3 and (pric\$3 or cost\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:38
S36	4	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (cost\$3 or pric\$3 or fee or fees or charg\$3) same digital adj repositor\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 18:41
S37	1	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and metric with improvement and workflow and model\$3 and (digitiz\$5) and (procedure\$1 or process\$2) and evaluat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 22:56
S38	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and metric near5 improvement and flow with model\$3 and (digitiz\$5) and (procedure\$1 or process\$2) and evaluat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 22:57
S39	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and metric near5 improvement and flow with model\$3 and (digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 22:57
S40	1	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and metric same improvement and flow with model\$3 and (digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 22:58

EAST Search History

S41	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and improvement\$ same flow with model\$3 and (digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 22:58
S42	875	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and improvement\$ and (digitiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 22:58
S43	14	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and improvement\$ with (digitize\$1 or digitizing or digitization\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 23:02
S44	106	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same benefit\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 23:02
S45	5	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same benefit\$1 with (cycle near3 time or quality or productivity or cost or revenue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 23:05
S46	4413317	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same flow with model\$3 and benefit\$1 smae (cycle near3 time or quality or productivity or cost or revenue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 23:06
S47	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same flow with model\$3 and benefit\$1 same (cycle near3 time or quality or productivity or cost or revenue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 23:06

EAST Search History

S48	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same flow same model\$3 and benefit\$1 same (cycle near3 time or quality or productivity or cost or revenue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:36
S49	4	"11164120"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 23:15
S50	3	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same flow same model\$3 and (cycle near3 time or quality or productivity or cost or revenue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:37
S51	117	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) and flow same model\$3 same process\$2 and (cycle near3 time or quality or productivity or cost or revenue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:38
S52	68	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) and flow same model\$3 with process\$2 and (cycle near3 time or quality or productivity or cost or revenue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:41
S53	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same cost adj analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:41

EAST Search History

S54	2	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same cost near6 analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:51
S55	23	(@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same cost near6 analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:55
S56	1	(@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same (hypothetical or what-if or scenario\$1) and cost near6 analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:56
S57	106	(@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same (hypothetical or what-if or scenario\$1) and cost and analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:57
S58	9	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same (hypothetical or what-if or scenario\$1) and cost and analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 00:59
S59	22	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same improv\$5 same (procedure\$1 or process\$2 or flow\$1) and cost and analy\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 01:02
S60	5	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same improv\$5 same (procedure\$1 or process\$2 or flow\$1) same software	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 01:04

EAST Search History

S61	44	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same optim\$5 same (procedure\$1 or process\$2 or flow\$1) and analysis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:27
S62	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1) same prioritiz\$3 and optim\$5 same (procedure\$1 or process\$2 or flow\$1) with aggregation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:29
S63	0	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) and prioritiz\$3 same (procedure\$1 or process\$2 or flow\$1) same aggregation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:30
S64	4	(@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) and prioritiz\$3 same (procedure\$1 or process\$2 or flow\$1) same aggregation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:32
S65	44	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) and prioritiz\$3 same (procedure\$1 or process\$2 or flow\$1) and aggregation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:33
S66	6	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) and prioritiz\$3 same (procedure\$1 or process\$2 or flow\$1) same model\$3 and aggregation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:35

EAST Search History

S67	64	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) and cost same analysis and model\$3 and aggregation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:36
S68	50	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) and cost with analysis and model\$3 and aggregation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:41
S69	3	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) with business with processes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:44
S70	5	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) and streamlining with processes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:45
S71	54	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) near7 component\$1 and process\$2 and flow\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:48
S72	17	"705"/\$\$ and (@ad<"20031119" or @pd<"20031119" or @rlad<"20031119" or @prad<"20031119") and (digitize\$1 or digitizing or digitization\$1 or digitally with encoded with form\$1) near7 component\$1 and process\$2 with (improv\$6 or optimiz\$5)and flow\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 10:49